



ONLINE

SOCIAL PROTECTION

ACTUARIAL MODELING FOR SOCIAL PROTECTION ANALYSTS

5 OCTOBER – 20 NOVEMBER 2026

 7 WEEKS, 100 HOURS



International
Labour
Organization

ITC 
International Training Centre

ACTUARIAL MODELING FOR SOCIAL PROTECTION ANALYSTS

OVERVIEW

SNAPSHOT OF THE COURSE

Efficient governance supported by sound actuarial studies can make a positive contribution to the long-term success of social protection systems. The adequacy and financial sustainability of the long-term benefits provided under national public pension schemes have major policy implications. Actuarial studies enable policymakers to better anticipate future deficits and achieve the policy objectives of social protection systems. Through a combination of lectures and applied modelling exercises, this course aims to reinforce the technical skills needed for the long-term actuarial planning of national pension schemes and social protection systems.



ONLINE

ITCILO E-CAMPUS



DATES

5 OCTOBER –
20 NOVEMBER 2026



COLLABORATIVE LEARNING
ONLINE RESOURCES



LANGUAGES
ENGLISH



APPLICATION DEADLINE
11 SEPTEMBER 2026

WHAT

WHAT TOPICS DOES THIS COURSE COVER?

- **Module A:** Social protection framework: the context of the actuarial work in social protection at the national and international level
- **Module B:** National projection: Demographic projection, labour force and employment projection and economic projection
- **Module C:** Scheme-specific projection: Social security data analysis, scheme-specific past experience review and assumptions, and modeling scheme-specific projections
- **Module D:** Validating and interpreting projection: Projection consistency and validation, interpretation of scheme-specific results and long-term sustainability and financing strategies

WHAT WILL I BE ABLE TO DO?

- Increase your **technical knowledge and expertise** on social protection financing methods and actuarial modelling needed for the effective design, management and monitoring of social protection systems;
- Learn how modelling can be used to project **future social protection expenditure and revenues**;
- Utilize knowledge on **actuarial methodologies and models**;
- Understand better and participate more actively in the **actuarial and financial planning** of social protection systems.

WHY

WHY SHOULD I JOIN?

- Put learning into practice through an **Integrated Applied Exercise** focused on your own national context

- Participants join and interact with **a diverse network of professionals** engaging in issues of impact assessment of social protection
- The course uses **a mix of training methods**: lectures, plenary discussions, good practices, case studies, group work, and individual exercises.
- Take a step towards achieving the **ITCILO Diploma for Social Protection**, a new accreditation for the next generation of social protection practitioners.



This course is eligible for the **Diploma for Social Protection Analysts**. To achieve the Diploma, successful candidates must complete three courses within a five-year period, and undertake a capstone assessment.

WHO

WHO TAKES THIS COURSE?

The course is designed for quantitative specialists, such as economists, actuaries, statisticians, mathematicians, computer programmers, accountants and financial managers involved in the financial planning of public pension schemes and other social protection programmes.

HOW

The course consists of a number of online modules offered through the eCampus online platform to be completed over a period of seven weeks for an estimated total of 100 learning hours.

- **Pre-course:** Flexible (asynchronous) self-guided online learning on eCampus and an end of phase assessment.
- **'Real time' learning:** Live interactive sessions and engaging video presentations by highly experienced trainers, blended with individual and collaborative group exercises, peer-to-peer assessment and online technical forums on eCampus.
- **End of course assignment:** Individual assignment applying cutting-edge technical knowledge to the participants' organization. Participants who successfully complete all assessments and the final assignment will receive a Certificate of Achievement.

HOW TO APPLY

Find the application form at <https://oarf2.itsilo.org/DST/A9718879/en> and apply before **11 September 2026**.

PRICE

Tuition €1,685

Total €1,685

LEARN DIFFERENTLY

Innovative training methodologies and integrated use of digital learning technology

JOIN A GLOBAL COMMUNITY

Join a virtual community of social protection practitioners from across the world to share knowledge and experiences

CERTIFICATE OF ACHIEVEMENT

Successful participants will be awarded an ITCILO Certificate of Achievement



SCAN THE QR CODE
OR VISIT

bit.ly/3kApv8q

WITHDRAWAL, CANCELLATION POLICY, AND REFUNDS FOR OPEN COURSES

If an enrolled participant wishes or must withdraw from a course, they may choose to apply to a different course or be substituted by another candidate. The participant must notify the Centre, in writing, of their decision at least 14 days prior to the start date of the course. Cancellation of participation in regular courses will result in the following penalties:

- 14 days or more prior to the start date of the course: No penalty, 100% refund of amount paid less applicable bank charges
- 8 to 13 days prior to the start date of the course: Penalty of 50% of course price, refund of residual amount paid (if any) less applicable bank charges
- 7 days or less prior to the start date of the course: Penalty of 100% of course price.

INFO

FOR FURTHER INFORMATION PLEASE CONTACT

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COURSE CODE: A9718879